

Advenco GLE 200-1000

Glass Lined Buffer Vessels and Electric Water Heaters



The Advenco GLE range of glass lined steel storage tanks is designed to serve as buffer vessels or electric water heaters for vented or unvented domestic hot water applications.

The GLE range includes tanks from 200 to 1000 litres and is supplied as standard with a clean-out flange, magnesium sacrificial anode, and temperature gauge. The GLE is compatible with a wide range of direct electric immersion heater options from 3 to 36 kW on request, as well as secondary supplementary immersions from 3 to 6 kW.

Constructed from a carbon steel shell with a high-quality glass lining to prevent corrosion, the GLE range is suitable for use in systems with maximum working pressure up to 10 bar and temperatures up to 85°C.

FEATURES

- Available with 200 - 1000 litre capacities
- Produced from high quality steel with blue glass lining
- Rigid high density polyurethane foam insulation
- WRAS and Kiwa KUKreg4 approved (200-1000L) product range
- Suitable for vented or unvented installation
- Includes magnesium sacrificial anode and temperature gauge as standard
- 10 bar / 85°C max. working pressure and temperature

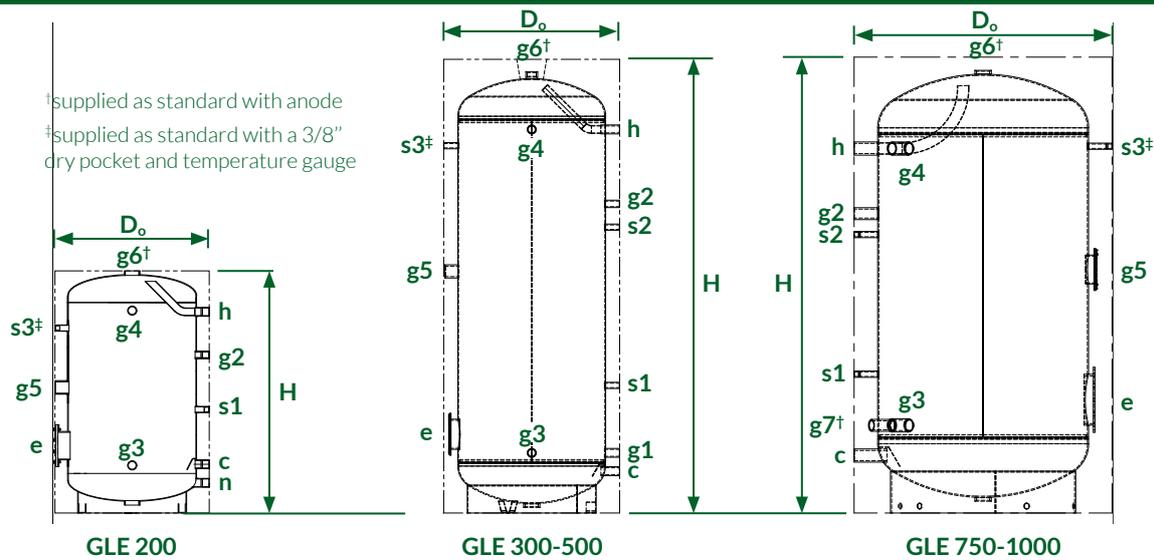


OPTIONS & ANCILLARIES

- Electric Immersion Heaters from 3-36 kW
- E0008/0-95: Control Thermostat
- E00011: Overheat thermostat
- MB0001: Destratification pump kit
- Unvented Kits: Contact Advenco for options and details
- Cleanout flange to 1.5" adaptor plate: M0221 (200-500L) or M0312 (750-1000L)



supplied as standard with anode
supplied as standard with a 3/8"
dry pocket and temperature gauge



Model GLE	200	300	500	750	1000
Storage volume (L)	210	278	464	705	1019
Standing losses (W) / Energy efficiency class	60 / B	65 / B	98 / C	106 / C	131 / C
Maximum working pressure tank (bar)	10	10	10	10	10
Dry mass (kg)	91	100	134	260	296

Connections

Label	Description	200	300	500	750	1000
c, h	Water inlet and outlet	1"	1"	1"	1½"	1½"
g1	Additional connection	--	--	1"	--	--
g2	Additional connection	¾"	¾"	1"	1¼"	1¼"
g3	Additional connection	1"	1"	1"	1½"	1½"
g4	Additional connection	1"	1"	1"	1½"	1½"
g5	Additional connection / immersion	1½"	1½"	1½"	Ø180/115	Ø180/115
g6	Anode connection	1¼"	1¼"	1¼"	2"	2"
g7	Anode connection	--	--	--	1¼"	1¼"
s1, s2, s3, s4	Sensor pocket	½"	½"	½"	½"	½"
e	Clean-out / additional flange (mm)	Ø180/115	Ø180/120	Ø180/120	Ø280/205	Ø280/205
n	Drain	1"	--	--	--	--
Compatible ancillary installation positions *contact Adveco for options	T&P safety valve	g4	g4	g4	g4	g4
	Sacrificial anode	g6	g6	g6	g2, g3, g6, g7	g2, g3, g6, g7
	Immersion heater	e, g5	e, g5	e, g5	e*, g5	e*, g5

All threaded connections are BSPP female unless otherwise stated. All dimensions in mm.

Dimensions

Label	Description	200	300	500	750	1000
H	Height	1100	1600	1950	2050	1960
D _o	Outer diameter with insulation	670	670	750	860	1055
g1	Additional connection	--	--	259	--	--
g2	Additional connection	680	972	1229	1435	1287
g3	Additional connection	210	267	259	325	377
g4	Additional connection	865	1267	1649	1715	1567
g5	Additional connection	540	840	1039	1080	1047
g6	Additional connection / anode	1100	1600	1950	2050	1960
g7	Additional connection / anode	--	--	--	325	377
s1	Sensor pocket	445	492	549	615	597
s2	Sensor pocket	--	872	1329	1295	1197
s3	Sensor pocket	795	1207	1579	1725	1577

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